

PCT883-Sequence -Listing.txt  
SEQUENCE LISTING

<110> Applied Research Systems ARS Holding N.V.  
<120> USE OF SOLUBLE CD164 IN INFLAMMATION AND/OR AUTOIMMUNE DISORDERS  
<130> PCT883  
<160> 8  
<170> PatentIn version 3.2  
  
<210> 1  
<211> 140  
<212> PRT  
<213> homo sapiens  
  
<220>  
<221> PUTATIVE-MUCIN-CORE-PROTEIN-24  
<222> (1) .. (140)  
  
<220>  
<221> N-LINKED-GLCNAC  
<222> (3) .. (3)  
  
<220>  
<221> N-LINKED-GLCNAC  
<222> (9) .. (9)  
  
<220>  
<221> O-LINKED  
<222> (11) .. (11)  
  
<220>  
<221> O-LINKED  
<222> (12) .. (12)  
  
<220>  
<221> O-LINKED  
<222> (17) .. (17)  
  
<220>  
<221> N-LINKED-GLCNAC  
<222> (18) .. (18)  
  
<220>  
<221> O-LINKED  
<222> (20) .. (20)  
  
<220>  
<221> O-LINKED  
<222> (21) .. (21)  
  
<220>  
<221> O-LINKED  
<222> (25) .. (25)  
  
<220>  
<221> O-LINKED  
<222> (26) .. (26)  
  
<220>  
<221> O-LINKED

## PCT883-Sequence -Listing.txt

<222> (31) .. (31)

<220>  
<221> O-LINKED  
<222> (32) .. (32)

<220>  
<221> N-LINKED-GLCNAC  
<222> (49) .. (49)

<220>  
<221> N-LINKED-GLCNAC  
<222> (54) .. (54)

<220>  
<221> N-LINKED-GLCNAC  
<222> (71) .. (71)

<220>  
<221> CK2-PHOSPHO-SITE  
<222> (73) .. (76)

<220>  
<221> N-LINKED-GLCNAC  
<222> (81) .. (81)

<220>  
<221> O-LINKED  
<222> (89) .. (89)

<220>  
<221> O-LINKED  
<222> (90) .. (90)

<220>  
<221> O-LINKED  
<222> (92) .. (92)

<220>  
<221> O-LINKED  
<222> (96) .. (96)

<220>  
<221> N-LINKED-GLCNAC  
<222> (98) .. (98)

<220>  
<221> O-LINKED  
<222> (99) .. (99)

<220>  
<221> O-LINKED  
<222> (100) .. (100)

<220>  
<221> PKC-PHOSPHO-SITE  
<222> (100) .. (102)

<220>  
<221> O-LINKED  
<222> (104) .. (104)

<220>  
<221> O-LINKED

## PCT883-Sequence -Listing.txt

<222> (108) .. (108)

<220>  
<221> O-LINKED  
<222> (110) .. (110)

<220>  
<221> O-LINKED  
<222> (111) .. (111)

<220>  
<221> O-LINKED  
<222> (112) .. (112)

<220>  
<221> PKC-PHOSPHO-SITE  
<222> (112) .. (114)

<220>  
<221> O-LINKED  
<222> (113) .. (113)

<220>  
<221> O-LINKED  
<222> (115) .. (115)

<220>  
<221> O-LINKED  
<222> (117) .. (117)

<220>  
<221> O-LINKED  
<222> (118) .. (118)

<220>  
<221> O-LINKED-GLYCOSAMINOGLYCAN  
<222> (119) .. (119)

<220>  
<221> MYRISTYL  
<222> (120) .. (125)

<220>  
<221> O-LINKED  
<222> (121) .. (121)

<220>  
<221> O-LINKED  
<222> (122) .. (122)

<220>  
<221> N-LINKED-GLCNAC  
<222> (123) .. (123)

<220>  
<221> O-LINKED  
<222> (125) .. (125)

<220>  
<221> O-LINKED  
<222> (127) .. (127)

<220>  
<221> O-LINKED

## PCT883-Sequence -Listing.txt

&lt;222&gt; (129) .. (129)

&lt;220&gt;

&lt;221&gt; O-LINKED

&lt;222&gt; (130) .. (130)

&lt;220&gt;

&lt;221&gt; CAMP-PHOSPHO-SITE

&lt;222&gt; (134) .. (137)

&lt;220&gt;

&lt;221&gt; O-LINKED

&lt;222&gt; (136) .. (136)

&lt;220&gt;

&lt;221&gt; CK2-PHOSPHO-SITE

&lt;222&gt; (136) .. (139)

&lt;400&gt; 1

Asp Lys Asn Thr Thr Gln His Pro Asn Val Thr Thr Leu Ala Pro Ile  
 1 5 10 15

Ser Asn Val Thr Ser Ala Pro Val Thr Ser Leu Pro Leu Val Thr Thr  
 20 25 30

Pro Ala Pro Glu Thr Cys Glu Gly Arg Asn Ser Cys Val Ser Cys Phe  
 35 40 45

Asn Val Ser Val Val Asn Thr Thr Cys Phe Trp Ile Glu Cys Lys Asp  
 50 55 60

Glu Ser Tyr Cys Ser His Asn Ser Thr Val Ser Asp Cys Gln Val Gly  
 65 70 75 80

Asn Thr Thr Asp Phe Cys Ser Val Ser Thr Ala Thr Pro Val Pro Thr  
 85 90 95

Ala Asn Ser Thr Ala Lys Pro Thr Val Gln Pro Ser Pro Ser Thr Thr  
 100 105 110

Ser Lys Thr Val Thr Thr Ser Gly Thr Thr Asn Asn Thr Val Thr Pro  
 115 120 125

Thr Ser Gln Pro Val Arg Lys Ser Thr Phe Asp Ala  
 130 135 140

&lt;210&gt; 2

&lt;211&gt; 146

&lt;212&gt; PRT

&lt;213&gt; homo sapiens

&lt;400&gt; 2

Asp Lys Asn Thr Thr Gln His Pro Asn Val Thr Thr Leu Ala Pro Ile

## PCT883-Sequence -Listing.txt

```

1              5              10              15
Ser Asn Val Thr Ser Ala Pro Val Thr Ser Leu Pro Leu Val Thr Thr
    20              25              30
Pro Ala Pro Glu Thr Cys Glu Gly Arg Asn Ser Cys Val Ser Cys Phe
    35              40              45
Asn Val Ser Val Val Asn Thr Thr Cys Phe Trp Ile Glu Cys Lys Asp
    50              55              60
Glu Ser Tyr Cys Ser His Asn Ser Thr Val Ser Asp Cys Gln Val Gly
    65              70              75              80
Asn Thr Thr Asp Phe Cys Ser Val Ser Thr Ala Thr Pro Val Pro Thr
    85              90              95
Ala Asn Ser Thr Ala Lys Pro Thr Val Gln Pro Ser Pro Ser Thr Thr
    100              105              110
Ser Lys Thr Val Thr Thr Ser Gly Thr Thr Asn Asn Thr Val Thr Pro
    115              120              125
Thr Ser Gln Pro Val Arg Lys Ser Thr Phe Asp Ala His His His His
    130              135              140
His His
145

<210> 3
<211> 197
<212> PRT
<213> homo sapiens

<400> 3
Met Ser Arg Leu Ser Arg Ser Leu Leu Trp Ala Ala Thr Cys Leu Gly
1      5              10              15
Val Leu Cys Val Leu Ser Ala Asp Lys Asn Thr Thr Gln His Pro Asn
    20              25              30
Val Thr Thr Leu Ala Pro Ile Ser Asn Val Thr Ser Ala Pro Val Thr
    35              40              45
Ser Leu Pro Leu Val Thr Thr Pro Ala Pro Glu Thr Cys Glu Gly Arg
    50              55              60
Asn Ser Cys Val Ser Cys Phe Asn Val Ser Val Val Asn Thr Thr Cys
    65              70              75              80

```

## PCT883-Sequence -Listing.txt

```

Phe Trp Ile Glu Cys Lys Asp Glu Ser Tyr Cys Ser His Asn Ser Thr
      85                      90                      95

Val Ser Asp Cys Gln Val Gly Asn Thr Thr Asp Phe Cys Ser Val Ser
      100                      105                      110

Thr Ala Thr Pro Val Pro Thr Ala Asn Ser Thr Ala Lys Pro Thr Val
      115                      120                      125

Gln Pro Ser Pro Ser Thr Thr Ser Lys Thr Val Thr Thr Ser Gly Thr
      130                      135                      140

Thr Asn Asn Thr Val Thr Pro Thr Ser Gln Pro Val Arg Lys Ser Thr
      145                      150                      155                      160

Phe Asp Ala Ala Ser Phe Ile Gly Gly Ile Val Leu Val Leu Gly Val
      165                      170                      175

Gln Ala Val Ile Phe Phe Leu Tyr Lys Phe Cys Lys Ser Lys Glu Arg
      180                      185                      190

Asn Tyr His Thr Leu
      195

<210> 4
<211> 184
<212> PRT
<213> homo sapiens

<400> 4

Met Ser Arg Leu Ser Arg Ser Leu Leu Trp Ala Ala Thr Cys Leu Gly
1                      5                      10                      15

Val Leu Cys Val Leu Ser Ala Asp Lys Asn Thr Thr Gln His Pro Asn
20                      25                      30

Val Thr Thr Leu Ala Pro Ile Ser Asn Val Thr Ser Ala Pro Val Thr
35                      40                      45

Ser Leu Pro Leu Val Thr Thr Pro Ala Pro Glu Thr Cys Glu Gly Arg
50                      55                      60

Asn Ser Cys Val Ser Cys Phe Asn Val Ser Val Val Asn Thr Thr Cys
65                      70                      75                      80

Phe Trp Ile Glu Cys Lys Asp Glu Ser Tyr Cys Ser His Asn Ser Thr
      85                      90                      95

```

## PCT883-Sequence -Listing.txt

```

Val Ser Asp Cys Gln Val Gly Asn Thr Thr Asp Phe Cys Ser Ala Lys
      100                      105                      110

Pro Thr Val Gln Pro Ser Pro Ser Thr Thr Ser Lys Thr Val Thr Thr
      115                      120                      125

Ser Gly Thr Thr Asn Asn Thr Val Thr Pro Thr Ser Gln Pro Val Arg
      130                      135                      140

Lys Ser Thr Phe Asp Ala Ala Ser Phe Ile Gly Gly Ile Val Leu Val
      145                      150                      155                      160

Leu Gly Val Gln Ala Val Ile Phe Phe Leu Tyr Lys Phe Cys Lys Ser
      165                      170                      175

Lys Glu Arg Asn Tyr His Thr Leu
      180

<210> 5
<211> 178
<212> PRT
<213> homo sapiens

<400> 5

Met Ser Arg Leu Ser Arg Ser Leu Leu Trp Ala Ala Thr Cys Leu Gly
 1                      5                      10                      15

Val Leu Cys Val Leu Ser Ala Asp Lys Asn Thr Thr Gln His Pro Asn
      20                      25                      30

Val Thr Thr Leu Ala Pro Ile Ser Asn Val Thr Ser Ala Pro Val Thr
      35                      40                      45

Ser Leu Pro Leu Val Thr Thr Pro Ala Pro Glu Thr Cys Glu Gly Arg
      50                      55                      60

Asn Ser Cys Val Ser Cys Phe Asn Val Ser Val Val Asn Thr Thr Cys
      65                      70                      75                      80

Phe Trp Ile Glu Cys Lys Asp Glu Ser Tyr Cys Ser His Asn Ser Thr
      85                      90                      95

Val Ser Asp Cys Gln Val Gly Asn Thr Thr Asp Phe Cys Ser Val Ser
      100                      105                      110

Thr Ala Thr Pro Val Pro Thr Ala Asn Ser Thr Gly Thr Thr Asn Asn
      115                      120                      125

```

## PCT883-Sequence -Listing.txt

Thr Val Thr Pro Thr Ser Gln Pro Val Arg Lys Ser Thr Phe Asp Ala  
 130 135 140

Ala Ser Phe Ile Gly Gly Ile Val Leu Val Leu Gly Val Gln Ala Val  
 145 150 155 160

Ile Phe Phe Leu Tyr Lys Phe Cys Lys Ser Lys Glu Arg Asn Tyr His  
 165 170 175

Thr Leu

<210> 6  
 <211> 189  
 <212> PRT  
 <213> homo sapiens

<220>  
 <221> SIGNAL  
 <222> (1) .. (23)

<220>  
 <221> PUTATIVE-MUCIN-CORE-PROTEIN-24  
 <222> (24) .. (189)

<220>  
 <221> N-LINKED-GLCNAC  
 <222> (26) .. (26)

<220>  
 <221> N-LINKED-GLCNAC  
 <222> (32) .. (32)

<220>  
 <221> O-LINKED  
 <222> (34) .. (34)

<220>  
 <221> O-LINKED  
 <222> (35) .. (35)

<220>  
 <221> O-LINKED  
 <222> (40) .. (40)

<220>  
 <221> N-LINKED-GLCNAC  
 <222> (41) .. (41)

<220>  
 <221> O-LINKED  
 <222> (43) .. (43)

<220>  
 <221> O-LINKED  
 <222> (44) .. (44)

<220>  
 <221> O-LINKED

## PCT883-Sequence -Listing.txt

<222> (48) .. (48)

<220>  
<221> O-LINKED  
<222> (49) .. (49)

<220>  
<221> O-LINKED  
<222> (54) .. (54)

<220>  
<221> O-LINKED  
<222> (55) .. (55)

<220>  
<221> N-LINKED-GLCNAC  
<222> (72) .. (72)

<220>  
<221> N-LINKED-GLCNAC  
<222> (77) .. (77)

<220>  
<221> N-LINKED-GLCNAC  
<222> (94) .. (94)

<220>  
<221> N-LINKED-GLCNAC  
<222> (104) .. (104)

<220>  
<221> O-LINKED  
<222> (112) .. (112)

<220>  
<221> O-LINKED  
<222> (113) .. (113)

<220>  
<221> O-LINKED  
<222> (115) .. (115)

<220>  
<221> O-LINKED  
<222> (119) .. (119)

<220>  
<221> N-LINKED-GLCNAC  
<222> (121) .. (121)

<220>  
<221> O-LINKED  
<222> (122) .. (122)

<220>  
<221> O-LINKED  
<222> (123) .. (123)

<220>  
<221> O-LINKED  
<222> (127) .. (127)

<220>  
<221> O-LINKED

## PCT883-Sequence -Listing.txt

<222> (131) .. (131)

<220>  
<221> O-LINKED  
<222> (133) .. (133)

<220>  
<221> O-LINKED  
<222> (134) .. (134)

<220>  
<221> O-LINKED  
<222> (135) .. (135)

<220>  
<221> O-LINKED  
<222> (136) .. (136)

<220>  
<221> O-LINKED  
<222> (138) .. (138)

<220>  
<221> O-LINKED  
<222> (140) .. (140)

<220>  
<221> O-LINKED  
<222> (141) .. (141)

<220>  
<221> O-LINKED-GLYCOSAMINOGLYCAN  
<222> (142) .. (142)

<220>  
<221> O-LINKED  
<222> (144) .. (144)

<220>  
<221> O-LINKED  
<222> (145) .. (145)

<220>  
<221> N-LINKED-GLCNAC  
<222> (146) .. (146)

<220>  
<221> O-LINKED  
<222> (148) .. (148)

<220>  
<221> O-LINKED  
<222> (150) .. (150)

<220>  
<221> O-LINKED  
<222> (152) .. (152)

<220>  
<221> O-LINKED  
<222> (153) .. (153)

<220>  
<221> O-LINKED

## PCT883-Sequence -Listing.txt

&lt;222&gt; (159)..(159)

&lt;400&gt; 6

Met Ser Arg Leu Ser Arg Ser Leu Leu Trp Ala Ala Thr Cys Leu Gly  
 1 5 10 15

Val Leu Cys Val Leu Ser Ala Asp Lys Asn Thr Thr Gln His Pro Asn  
 20 25 30

Val Thr Thr Leu Ala Pro Ile Ser Asn Val Thr Ser Ala Pro Val Thr  
 35 40 45

Ser Leu Pro Leu Val Thr Thr Pro Ala Pro Glu Thr Cys Glu Gly Arg  
 50 55 60

Asn Ser Cys Val Ser Cys Phe Asn Val Ser Val Val Asn Thr Thr Cys  
 65 70 75 80

Phe Trp Ile Glu Cys Lys Asp Glu Ser Tyr Cys Ser His Asn Ser Thr  
 85 90 95

Val Ser Asp Cys Gln Val Gly Asn Thr Thr Asp Phe Cys Ser Val Ser  
 100 105 110

Thr Ala Thr Pro Val Pro Thr Ala Asn Ser Thr Ala Lys Pro Thr Val  
 115 120 125

Gln Pro Ser Pro Ser Thr Thr Ser Lys Thr Val Thr Thr Ser Gly Thr  
 130 135 140

Thr Asn Asn Thr Val Thr Pro Thr Ser Gln Pro Val Arg Lys Ser Thr  
 145 150 155 160

Phe Asp Ala Ala Ser Phe Ile Gly Gly Ile Val Leu Val Leu Glu Ile  
 165 170 175

Arg Cys His Thr Arg Asn Tyr Ile Pro Asp Leu Lys Lys  
 180 185

&lt;210&gt; 7

&lt;211&gt; 197

&lt;212&gt; PRT

&lt;213&gt; homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (174)..(174)

&lt;223&gt; Xaa can be any naturally occurring amino acid

&lt;220&gt;

## PCT883-Sequence -Listing.txt

```

<221> misc feature
<222> (177)..(177)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc feature
<222> (186)..(186)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc feature
<222> (189)..(189)
<223> Xaa can be any naturally occurring amino acid

<400> 7

Met Ser Arg Leu Ser Arg Ser Leu Leu Trp Ala Ala Thr Cys Leu Gly
1          5          10          15

Val Leu Cys Val Leu Ser Ala Asp Lys Asn Thr Thr Gln His Pro Asn
20          25          30

Val Thr Thr Leu Ala Pro Ile Ser Asn Val Thr Ser Ala Pro Val Thr
35          40          45

Ser Leu Pro Leu Val Thr Thr Pro Ala Pro Glu Thr Cys Glu Gly Arg
50          55          60

Asn Ser Cys Val Ser Cys Phe Asn Val Ser Val Val Asn Thr Thr Cys
65          70          75          80

Phe Trp Ile Glu Cys Lys Asp Glu Ser Tyr Cys Ser His Asn Ser Thr
85          90          95

Val Ser Asp Cys Gln Val Gly Asn Thr Thr Asp Phe Cys Ser Val Ser
100         105         110

Thr Ala Thr Pro Val Pro Thr Ala Asn Ser Thr Ala Lys Pro Thr Val
115         120         125

Gln Pro Ser Pro Ser Thr Thr Ser Lys Thr Val Thr Thr Ser Gly Thr
130         135         140

Thr Asn Asn Thr Val Thr Pro Thr Ser Gln Pro Val Arg Lys Ser Thr
145         150         155         160

Phe Asp Ala Ala Ser Phe Ile Gly Gly Ile Val Leu Val Xaa Gly Val
165         170         175

Xaa Ala Val Ile Phe Phe Leu Tyr Lys Xaa Cys Lys Xaa Lys Glu Arg
180         185         190

```

## PCT883-Sequence -Listing.txt

Asn Tyr His Thr Leu  
195

<210> 8  
<211> 195  
<212> PRT  
<213> homo sapiens

<400> 8

Met Ser Arg Leu Ser Arg Ser Leu Leu Trp Ala Ala Thr Cys Leu Gly  
1 5 10 15

Val Leu Cys Val Leu Ser Ala Asp Lys Asn Thr Thr Gln His Pro Asn  
20 25 30

Val Thr Thr Leu Ala Pro Ile Ser Asn Val Lys Ser Leu Ile Ser Cys  
35 40 45

Ile Ser Pro Pro Asn Ser Pro Glu Thr Cys Glu Gly Arg Asn Ser Cys  
50 55 60

Val Ser Cys Phe Asn Val Ser Val Val Asn Thr Thr Cys Phe Trp Ile  
65 70 75 80

Glu Cys Pro Pro Thr Asp Glu Ser Tyr Cys Ser His Asn Ser Thr Val  
85 90 95

Ser Asp Cys Gln Val Gly Asn Thr Thr Asp Phe Cys Ser Gly Lys Tyr  
100 105 110

Ser Tyr Trp Leu Leu Gly Ser Ile Pro Ala Lys Pro Thr Val Gln Pro  
115 120 125

Ser Pro Ser Thr Thr Ser Lys Thr Val Thr Thr Ser Gly Thr Thr Asn  
130 135 140

Asn Thr Val Thr Pro Thr Ser Gln Pro Val Arg Lys Ser Thr Phe Asp  
145 150 155 160

Ala Ala Ser Phe Ile Gly Gly Ile Val Leu Val Leu Gly Val Gln Ala  
165 170 175

Val Ile Phe Phe Leu Tyr Lys Phe Cys Lys Ser Lys Glu Arg Asn Tyr  
180 185 190

His Thr Leu  
195